## First Models of Great Inventions.

That vast mausoleum of wrecked hopes and blighted ambitions, the model department of the United States Patent Office in Washington, is illuminated here and there with the original models of the very great inventions. In one of the cabinets is to be seen

DOCODOCOCOCOCOCOCOCOCO June 29, 1858. Both the arc and the incandescent lights, it will be noticed, were invented in the same year. Nothing could be more different than the incandescent lamp of 1858, and that of

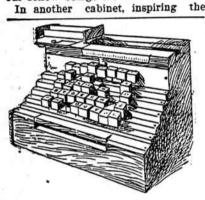
When you happen to be in Washington go over to the Patent Office and spend a few hours looking around the model room. You will find your pains well rewarded.-New York Mail .and

Electrocutes the Rodents. The electric mouse trap is the latest



FIRST WASHBOARD-FIRST PAIR PEG SHOES-MORSE'S MODEL

ment of the world, and what a slow our fellow beings the world over.



MODEL OF THE FIRST TYPEWRITER.

same sort of reverence, and bringing thoughts of the days when every bit of sewing in the world was done by hand, is Elias Howe's model of the sewing machine. The visitor unconsciously repeats to himself the words of the song of the shirt, "Stitch, Stitch, Stitch," and thinks of the agony of that stitching in the days of Hood, when it was all done by hand.

Elias Howe's first sewing machine is almost as crude as Morse's telegraph operated exactly as described in the inventor also intends it for use in dethe natent specifications, and accordingly granted.

Not a whit less interesting is the model of the first typewriter, the invention of R. T. P. Allen, a Kentuckian. It is still more roughly made than inventor of this ingenious device is C. the models of the telegraph and sew-

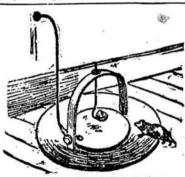


ing machine, but it proved to be quite as important an invention.

J. Bement on July 30, 1811.

tric light was made by Collier and | starn formost."

Morse's original model of the telegraph | novelty to aid in exterminating the instrument, fashioned by his own pests which infest dwellings and other hands. The model is very crudely buildings, and the inventor intends made, but it inspires reverence in the that it shall be the cause of many a visitor, and even a certain sort of awe, shocking death. There is no compliwhen he pauses to think of what the cated mechanism about the trap; in telegraph has done for the advance- fact, it is so simple that the wary rodent is not at all likely to regard universe this would be if we did not the device with suspicion. Everything have telegraphic communication with is in plain sight, and the animal is not compelled to insert its head in a nocse or to enter a cage in order to reach the bait. In this case the tempting morsel is suspended within easy reach, but the instant the electrical current is completed by the rodent itself death ensues without the bait being disturbed. The trap consists of two metallic plates connected by wires to an electric light circuit, the plates being insulated by a plate of non-conducting material placed between. The bait holder is suspended from a supporting arch secured to the outer plate. There are numerous small animals which may be captured in this way, and the



A VERY SHOCKING AFFAIR.

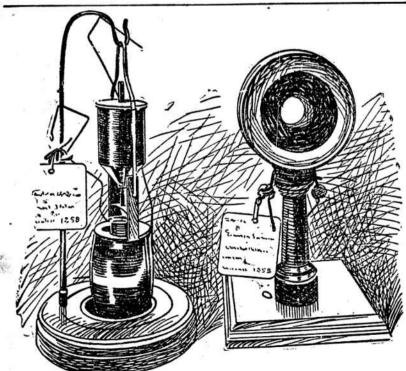
stroying roaches and bugs of various sorts. The electrocution is accom plished by the passage of the current from one plate to the other through the body of the rodent or insect. The M. Shafer.

#### The Three-Meal Habit,

Our three-meal habit is a fearful tax on our working capacity; it trebles the temptation to over-exting; our champions stagger under the weight of a physiological handicap; one-half the functional energy of the system is diverted by the exigencies of digestion. No other hygienic mistake has done so much to make us a generation of dyspeptics as the custom of afterdinner work. Its victims, moreover, incur the risk of contracting that form of moral dyspepsia called pessimism. It tends to rob the working day of its reward.-F. L. Oswald, M. D., in Suc-

### The Clergyman's Error.

An English clergyman was addressing a congregation of fishermen, and in order to appeal the more to his The first pair of peg shoes is another hearers he introduced a number of interesting invention exhibited in the nautical smiles. He pictured a capmodel room. The patent on peg shoes tain navigating his craft through a was granted to S. B. Hitchcock and dangerous passage, surrounded with rocks and currents, and he described Then there is the first washboard. the voyage in detail. At last be It is as fresh-looking to-day as when reached his climax, when it seemed it was first placed in the cabinet, and inevitable that the ship should be lost. shows not a particle of corrosion, al- "And what shall we do now?" he though the name of the inventor was made his captain cry. "Bless your S. Rust, and it was Rust himself who soul, guvnor!" replied a voice at the made the model. The patent is dated back. "That captain o' yours can't February 9, 1838. The first arc election nothin'. He's sailin' his ship



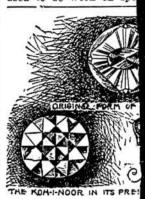
FIRST ELECTRIC ARC LIGHT AND FIRST INCANDESCENT LIGHT.

Baker, and patented by them May 18, som, to whom a patent was granted last year.

New Zealand sent Great Britain 1, 1858. The first incandescent lamp was 487,197 hundredweight of mutton, the invention of Gardiner and Blos- valued at \$15,000,000 in the course of

MOST FAMOUS OF

England's Crown Jewel, Will Be Worn by Queen The Koh-i-noor, one of mous diamonds in the used to be worn on spe



casions by Queen Victor conspicuous again at the The King is understood dered it to be placed in crown that is being made Alexandra. The Koh-i-no usually kept among the cr at the tower, was discovered in the celebrated mines o about the middle of the six tury. It passed through th several Indian princes, ar sented to Queen Victoria Dhuleep Singh, the last of the Punjaub. The va famous gem has been es

The Koh-i-noor had a nar before it reached the late ter the annexation of the 1849 it was given up to and at a meeting of the handed to John (afterward rence in a small box bend folds of linen for sare kee placed it in his waistcoat forgot the treasure. When for dinner the waistcoat co was thrown carelessly on on a subsequent meeting of the Board Henry Lawrence su his brother the advisability forwarding the Koh-i-noor Victoria. John Lawrence ten that the diamond had b him; then suddenly remem quitted the Board with an countenance, hurried home quired of his manservant seen a small box which had in his waistcoat pocket. "Y the man replied, "I found it in one of your drawers." here," said Lawrence. The produced it. "Now," said hi "open it and see what it The old native obeyed, and moving the folds of linen. "there is nothing here, sahib, of glass." "Good," said Jo rence, with a sigh of relief, leave it with me."

Porto Rico's Stone Colla The puzzle of archaeologist American Museum of Natural says the New York Herald, are termed the "stone collar Porto Rico. Senor Lopez-Nass erudite native, recently has entertainingly of other antiquities states his belief that they were for ceremonial purposes. Prof Otis T. Mason advanced the sam pothesis in 1876, soon after th rival of specimens at the Smiths Institution.

They are of the same size and s as an ordinary horse collar, and



ONE OF THE STONE COLLARS.

of very hard, greenish colored stone. They are all more or less orna mented by a knot, or shoulder, on either the right or left side, which is covered with strange figures cut into the hard stone.

At the present writing ant hropologists have discovered the purpose or use of everything manufactured by prehistoric man with the exception of these strange Porto Rican "collars."

"Getting Into a Scrape?" This popular phrase, involving the use of an English word, in a sense different from its proper meaning, has considerably puzzled English lexicographers.

One, more ingenious ers, has traced its ori of golf.

game In the North of Sco on the is played upon downs, burrow. seashore, where many se ani The small hole with alled in mals begin their burr "rabbit that part of the scrapes," or simply "so ress of It often happens, in some a game of golf, that t

one of unfortunate player brit nlty re these scrapes and is w fore to moved. Special rules be made for the player lligible

This would seem source for an otherwis imes. ligible expression.-Nev

Does Not Predict a H I do not predict a ho that from it—but a humane work not very far away, wh will be done by the u nobile that nature supplies. will be the servant, and companion in sport and thical man. It will not be subgrounds, however, that but, stitute the motor for s suwhen the more efficient ourperseded the horse we selves for our humanen do a annot great many things beca well do anything else, ap id no plaud ourselves for our bility.-Henri Fournier.

A lucid explanation is cides with our views.

ER BECOMES A MAYOR. ulviihll Goes From Factory Fur-

rewith reproduce the picture his Mulvihill, the new Mayor geport, Conn., who until his was employed as a fireman in ufacturing plant at \$14 a week. esty' will be the watchword of dministration," declared the Mayor," in his inaugural

Mulvihill has worked at the rnace for thirty years. He was Ireland fifty-six years ago. In was elected Alderman. He is t Mayor elected on the Demoticket in that city in the last rs. Mr. Mulvihill was so con-



Windmill. apt to be a very pronstruction, but many en made with varyantify these very usenic power producers. from the Scientific



A TREE WINDMILL.

hanics are sometimes blended. The serve only as a support for the tform at the top, and as side rails a ladder, it being necessary only to ovide rounds. The trees serve also stay the iron support. The windmill, which was built by J. G. Benster. of Moline, Ill., is of peculiar constrution, there being no gear wheels no: crank, the power being transmitted by an involute wheel which is a part c. the steel wheel to which the fans are attached. The surface of the involute is perfectly smooth, as is "lso that o: the wheel attached to the pitman carrier, the one rolling upon the other. The mast is of tubing, the pitman being carried down inside. The wires for throwing the mill out of gear are attached to a thimble on the outside of the mast. From this it will be seen that the trees are not needed for actual support.

A number of these mills have been attached to trees and have been giving excellent results. It is also possible to carry the mills around on a wagon and set them to work at any part of a field.

# British Naval Wedding Custom.

By an old custom which obtains in the Navy the marriage of an officer is signalized by the hoisting of a wreath of flowers, with silken streamers, on the vessel to which he belongs, says



the London Graphic. For the first time since the new royal yacht Victoria and Albert was commissioned the custom has just been carried out on that vessel in honor of the marriage of Lieutenant Mansell, her First Lieutenant, to Miss Louisa Richards, the daughter of a naval captain. At night the wreath was brilliantly illuminated with the electric light.

#### Traits of the Mikado.

The Mikade of Japan is a man of much energy and endurance. He is fond of outdoor sports, and has warmly encouraged the introduction of football into Japan. He is a hunter and fisherman of no mean reputation and is a good shot with a rifle. His devotion to lawn tennis is marked, and he s clever as a wielder of the racket.

The city of Portland, Me., has in its streets thirty thousand shade trees, some of which were planted more than alf a century ago.

Probably Spawning Beds.

A New Hampshire man has been watching "builders" among the finny tribe. He says that they selected a cove near his cottage and built their homes. He tells how their nests were circular in form and built the size of a bushel basket. They were hollowed out in the center like a saucer, and were kept in perfect shape and beautifully clean by a swift, fanlike motion of the tail of the fish, held in a perpendicular position. The man from the Granite State

probably saw spawning beds.

Foxes Protect Sheep.

According to the statements of the majority of the game wardens under the supervision of the American Ornithologists' Union, the summer boarder "who is out for sport, and will shoot anything in sight," is the greatest menace to the various forms of bird life. An amusing exception, however, to the general cheerful indorsement by the natives of the protective policy of the society is brought to light by the report of Charles Holt, keeper of the Nash Island lighthouse. On Cone Island, a breeding place for herring gulls, within his official territory, there have been numbered this year only 900 gulls, as against 800 last year. The unnaturally small increase he atbiding their time. They think that without doubt the foxes will destroy the young lambs in the spring, and thus defeat the purpose for which they were imported .- New York Commercial Advertiser. He Lacked Appreciation.

She was young and nicely dressed and fairly pretty. The car was full when she entered it, and most of the sitters were women. The girl looked up and down the long lines of raglans and flaring hats, and then planted herself directly in front of a youngish man who sat near the stove. She. stared down at him in a superbly scornful manner, but he was an old bird and evidently didn't mind.

Then her scornful stare changed to one of deep indignation, and this in turn melted into a look of pained surprise. But the youngish man stood it all in a thoroughly hardened manner. The look of surprise became a look of pity, and presently the girl stooped a little and remarked: "I'm afraid you don't know who I am?"

He looked astonished, but managed to answer: "Your fear is well grounded. May I ask who you are?"\_ The girl stiffened with conscious

"I am one of this season's buds!" she said with a superb air of superior-

But even then she didn't get the seat. -Cleveland Plaindealer.

Cunningham's Changeable Peach Tree James Cunningham, a farmer in the vicinity of Pleasant Grove, has a peach tree on his place that puzzles the horticultural world. Last year the tree had several bushels of plum peaches; this year the tree had several bushels of free stone peaches. Last year is the first it has borne fruit of consequence. -Nashville (Tenn.) Banner.

PUTNAM FADELESS DYES are fast to sunlight, washing and rubbing. Sold by all druggists.

In Newfoundland and Labrador cramps are said to be guarded against by carry-ing a cod's head or a bone from a haddock caught without touching the boat.

I am sure Piso's Cure for Consumption save 1 my life three years ago.—Mrs. Thomas Rob-dins, Maple St., Norwich, N.Y., Feb. 17, 1900.

It is better to give than to receive what you don't want.

When the Rod Was Not Spared.

The change of thought and conditions of mankind are no better illustrated than by the history of the rod. patients toward recovery. They have In an article on the morals of the child, by Dr. Grace Peckham Murray, there is mention made of a Suabian schoolmaster who during his fiftyone years of superintendence of a large school had given 911,500 canings, 121,000 floggings, 209,000 custodes, 136,000 tips with the ruler, 10,-200 boxes on the ear and 22,700 tasks by the heart.-The Delineator.

The Luxury of Modern Railway Travel to Florida and the South. The gratitude of tourists who appreciate luxury in railway-travel is due in no small luxury in railway-travel is due in no small measure to the Southern Railway System. Their line of operation is the great highway thatleads by Washington, D. C., to and through the Southern States. Year by year they have adopted every improvement that could add in any way to the comfort of that army of visitors who make their home in the vast territory converted by its network of lines.

ors who make their home in the vast territory covered by its network of lines.

An example of the superb trains operated by the company is the "Southern's Palm Limited," which runs between New York and St. Augustine every day, except Sunday, during the winter months. This magnificent train will be inaugurated January 14, 1902, leaving New York 12.40 noon, the most luxurious in the world, runs through solid from New York 15.4 Augustine excepting one drawing-room to St. Augustine, excepting one drawing-room sleeping-car, which is detached at Blackville, S. C., and runs to Augusta, for the accommodation of travelers to this popular resort, and tributes not to the occasional visitor, but to an entirely different cause. The resident proprietors of the island are four women — a mother and three daughters, who own a large flock of sheep. Claiming that the birds destroy a large portion of the grass, they stroy a large portion of the grass, they bought a few months ago four foxes, which they allowed to roam at will through the fields. The foxes have carried out the desires of their mistresses by creating widespread devastation among the eggs and the young of the unfortunate gulls. The friends of the birds are, however, patiently biding their time. They think that

Our own misfortunes are always greatest.

STATE OF ORIO, CITY OF TOLEDO, | 88.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & Co., doing business inthe City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and early every ease of CATABBH that cannot be and every case of CATABBH that cannot be cured by the use of HALL'S CATABBH CUBE. FRANK J. CHENEY.

Sold by Druggists, 75c. Hall's Family Pills are the best.

An ounce of gold was worth fifteen ounces of silver in the year 1880. It would buy twenty-one ounces in 1900.

FITS permanently cured. No fits or nervous-ness after first day's use of Dr. Kline's, Great Nerve Restorer. \$2 trial bottle and treatise free Dr. R. H. Kline, Ltd., 981 Arch St., Phila. Pa.

With an umbrella it is always a case of

# Coughing

"I was given up to die with quick consumption. I then began to use Ayer's Cherry Pectoral. improved at once, and am now in perfect health."-Chas. E. Hartman, Gibbstown, N. Y.

It's too risky, playing with your cough.

The first thing you know it will be down deep in your lungs and the play will be over. Begin early with Ayer's Cherry Pectoral and stop the cough.

Three sizes: 2ic., enough for an ordinary cold; 50c., just right for bronchitis, hoarse ness, hard colds, etc.; \$1, most economica for chronic cases and to keep on hand.

J. C. AYEB CO., Lowell, Mass.

Music Hath Charms to Physicians of the great Chi Hospital in Berlin are convinced that music has power to solace and help arranged concerts for the whole of the coming winter. Solo players on the harp, the violin and the piane will alternate with quartets and orches tral music. Every patient well enough to attend will be asked to do so. Many of the musicians are selected from among the patients. Others are professionals, who will give their services gratis.—New York World.

The skin of the Canadian black bear brings from \$15 to \$50.

#### NOTED PHYSICIAN Makes an Important Statement of Interest to All Women.

"DEAR MRS. PINKHAM: The homest, intelligent physician is above the 'School.' Whatever is best in each case should be used, no matter to what school a physician belongs. I, as a matter of conscience, can only pre-



scribe the best, and as I know and proven that there is nothing in Materia Medica which equals Lydia E. Pink-ham's Vegetable Compound in severe cases of femals disorders. I unhesitatingly prescribe it, and have never yet been sorry. I know of nothing better for ovarian troubles and for falling of the womb or nicerations; it absolutely restores the affected parts to their normal condition quicker better than anything else. I have known it to cure barrenness in woknown it to cure partial men, who to-day are happy mothers of children, and while the medical prochildren, and while the medical prochildren. fession looks down upon patents, I have learned, instead, to look-up to the healing potion, by whatever name it be known. If my fellow physicians dared tell the truth, hundreds of them would voice my sentiments." - Dr. WANATA, Lansing, Mich. \$5000 forfelt if above testimonial is

The record of Lydia E. Pinkham's Vegetable Compound cannot be equilled. Accept no substitute.

Mrs. Pinkham advises sick women free. Address Lynn, Mass.

A Substitute for and Supe other plaster, and will not b akin. The pain allaying at this arti le are wonderful. I at once, and relieve headach We recommend it as the for pains in the chest and sto

neuralgic and gouty complai A trial will prove what we be found to be invaluable in people say 'It is the best of Price, 15 cents, account to 1 or by sending this amount to 1 we will send you a tube by mail we will send you a tube by mail.

FESERROUGH MANUE

DROPSY

ADVERTISING PARS

